Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

Claims

1. (Original) The compounds according to the general formula Ia or Ib:

wherein in each,

R1 means H, C₁-C₆ alkyl, cycloalkyl, C₁-C₄ alkylcycloalkyl,

R2 means C_1 - C_{14} alkyl, C_2 - C_{14} alkenyl, 1,3-butadienyl, 1-butane, C_1 - C_4 alkylaryl, heteroaryl, C_1 - C_4 alkylheteroaryl, cycloalkyl, C_1 - C_4 alkyl-cycloalkyl, heterocycloalkyl, C_1 - C_4 alkylheterocycloalkyl, C_m H_{2m+o-p}Y_p (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently from each other selected from the group consisting of halogen, OH, OR21, NH₂, NHR21, NR21R22, SH, SR21), CH₂NHCOR21, CH₂NHCSR21, CH₂S(O)nR21, with n = 0, 1, 2, CH₂SCOR21,

CH₂OSO₂-R21, CHO, CH=NOH, CH(OH)R21, -CH=NOR21, -CH=NOCOR21, -CH=NOCH₂CONR21R22, -CH=NOCH(CH₃)CONR21R22, -CH=NOC(CH₃)₂CONR21R22, -CH=N-NHCO-R23, -CH=N-NHCO-CH₂NHCOR21, -CH=N-O-CH₂NHCOR21, -CH=N-NHCO-R23, -CH=CR24R25 (trans or cis), COOH, COOR21, CONR21R22, -CH=NR21, -

$$\begin{array}{c|c}
R_{211} & X' & N & H \\
R_{212} & N & N & C \\
R_{213} & N & N & N
\end{array}$$

CH=N-NR21R22,

, (with X' = NR215, O, S, and R211, R212,

R213, R214, R215 being independently from each other H or C₁-C₆ alkyl), -CH=N-NHSO₂ aryl, -CH=N-NHSO₂ heteroaryl,

R21, R22 are independently from each other C₁-C₁₄ alkyl, C₁-C₁₄ alkanoyl, C₁-C₆ alkylhydroxy, C₁-C₆ alkylamino, C₁-C₆ alkylamino-C₁-C₆ alkylamino-di-C₁-C₆ alkylhydroxy, C₁-C₆ alkylamino, C₁-C₆ alkylamino-di-C₁-C₆ alkyl, cycloalkyl, C₁-C₄ alkylheterocycloalkyl, aryl, aryloyl, C₁-C₄ alkylaryl, heteroaryl, heteroaryloyl, C₁-C₄ alkylheteroaryl, cycloalkanoyl, C₁-C₄ alkanoylcycloalkyl, heterocycloalkanoyl, C₁-C₄ alkanoylheterocycloalkyl, C₁-C₄ alkanoylaryl, C₁-C₄ alkanoylheteroaryl, mono- and di-sugar residues linked through a C atom which would carry an OH residue in the sugar, wherein the sugars are independently from each other selected from the group consisting of glucuronic acid and its stereo isomers at all optical atoms, aldopentoses, aldohexoses, including their desoxy compounds (such as e.g. glucose, desoxyglucose, ribose, desoxyribose),

R23 independently of R21, has the same meanings as R21, or CH_2 -pyridinium salts, CH_2 -tri- C_1 - C_6 alkylammonium salts,

R24 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, NHCOR21,

R24, R25 together mean C₄-C₈ cycloalkyl,

R3 means C_2 - C_{14} alkyl, C_2 - C_{14} alkenyl, C_2 - C_{14} alkinyl, aryl, C_1 - C_4 alkylaryl, heteroaryl, C_1 - C_4 alkylheteroaryl, wherein the aryls or heteroaryls may be substituted with another aryl, C_1 - C_4 alkylaryl, O-aryl, C_1 - C_4 alkyl-O-aryl, heteroaryl, C_1 - C_4 alkylheteroaryl, O-heteroaryl or C_1 - C_4 alkyl-O-heteroaryl, cycloalkyl, C_1 - C_4 alkylcycloalkyl, heterocycloalkyl, C_1 - C_4 alkylheterocycloalkyl, C_m - C_p -

COOR31, CONR31R32, -CH=NR31, -CH=N-NR31R32,

(with X' = NR315, O, S, and R311, R312, R313, R314, R315 being independently from each other H or C_1 - C_6 alkyl), -CH=N-NHSO₂ aryl, -CH=N-NHSO₂- heteroaryl,

R31, R32 mean independently from each other C₁-C₁₄ alkyl, C₁-C₁₄ alkanoyl, C₁-C₆ alkylhydroxy, C₁-C₆ alkylamino, C₁-C₆ alkylamino-C₁-C₆ alkylamino-di-C₁-C₆ alkyl, cycloalkyl, C₁-C₄ alkylcycloalkyl, heterocycloalkyl, C₁-C₄ alkylheterocycloalkyl, aryl, aryloyl, C₁-C₄ alkylaryl, heteroaryl, heteroaryloyl, C₁-C₄ alkylheteroaryl, cycloalkanoyl, C₁-C₄ alkanoylcycloalkyl, heterocycloalkanoyl, C₁-C₄ alkanoylheterocycloalkyl, C₁-C₄ alkanoylaryl, C₁-C₄ alkanoylheteroaryl, mono- and di-sugar residues linked through a C atom which would carry an OH residue in the sugar, wherein the sugars are independently from each other selected from the group consisting of glucuronic acid and its stereo isomers at all optical atoms, aldopentoses, aldohexoses, including their desoxy compounds (such as e.g. glucose, desoxyglucose, ribose, desoxyribose),

R33 independently of R31, has the same meanings as R31, or CH₂-pyridinium salts, CH₂-tri-C₁-C₆ alkylammonium salts,

R34 independently of R21, has the same meanings as R31, or H, CN, COCH₃, COOH, COOR21, CONR31R32, NH₂, NHCOR31,

R35 independently of R31, has the same meanings as R31, or H, CN, COCH₃, COOH, COOR31, CONR31R32, NH₂, NHCOR31,

R34, R35 together mean C₄-C₈ cycloalkyl,

R5 means H, C_1 - C_6 alkyl, cycloalkyl, C_1 - C_4 alkylcycloalkyl, heterocycloalkyl, C_1 - C_4 alkylheterocycloalkyl, aryl, C_1 - C_4 alkylaryl, heteroaryl, C_1 - C_4 alkylheteroaryl,

R4, R6, R7 independently from each other mean H, C₁-C₆ alkyl, CO-R41,

R41 independently of R21, has the same meanings as R21,

X means O, S, NH, N-R8, wherein R8 independently from R5 may adopt the same meaning as R5, or R5 and R8, together with the N, form a ring with 4, 5, 6, 7, or 8 members, which may optionally contain still another heteroatom selected from the group N, O, S,

or X-R5 may together be H,

Y means O, S, NR9, wherein R9 may be H or C₁-C₆ alkyl,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.

2. (Original) The compounds according to claim 1, wherein Formula Ia or Ib adopt the stereochemistry of Formula IIa or IIb

- 3. (Currently amended) The compounds of the general Formula Ia, Ib, Ha or IIb according to claim 1 or 2 Ia or Ib according to claim 1, wherein the residues R, except R3, have the meanings indicated in the previous claims, and wherein R3 has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times higher, particularly preferred at least fifty times higher, particularly hundred times higher, or even five hundred times higher compared to R3 being H, with all other residues being maintained.
- 4. (Currently amended) The compounds of the general Formula Ia, Ib, Iia or IIb according to claim 1 or 2 Ia or Ib according to claim 1, wherein the residues R, except R2, have the meanings indicated in the previous claims, and wherein R2 has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times higher, particularly preferred at least fifty times higher, particularly hundred times higher, or

even five hundred times higher compared to R2 being CH=CH-CH=CH-CH₃, with all other residues being maintained.

5. (Currently amended) The compounds according to one of the claims 1-to-5 claim 1, wherein

R1 means H, C₁-C₅ alkyl, cycloalkyl, especially H,

means C₁-C₅ alkyl, C₁-C₄ alkylaryl, C₂-C₅ alkenyl, heteroaryl, C₁-C₄ alkylheteroaryl, CHF₂, CF₃, polyol side chain, particularly CHOH-CHOH-CHOH-CHOH-CHOH-CH₃, CHOH-CHOH-CH₂, CH₂-CH₃, CH=CH-CHOH-CHOH-CH₃, CH₂Y (Y = F, Cl, Br, I), CH₂NH₂, CH₂NR21R22, CH₂NHCOR23, CH₂NHCSR23, CH₂SH, CH₂S(O)nR21, with n = 0, 1, 2, CH₂SCOR21, particularly CH₂OH, CH₂OR21, CH₂OSO₂-R21, particularly CHO, CH(OR21)₂, CH(SR21)₂, CN, CH=NOH, CH=NOR21, CH=NOCOR21, CH=N-NHCO-R23, CH=CR24, R25 (trans or cis), particularly COOH (particularly their physiologically tolerable salts), COOR21, CONR21R22, -CH=NR21, -CH=N-NR21R22,

, (with X' = NR215, O, S, and R211, R212, R213, R214, R215

being independently from each other H or C_1 - C_6 alkyl), -CH=N-NHSO₂-aryl, -CH=N-NHSO₂-heteroaryl, CH=N-NHCO-R23,

R21, R22 independently from each other mean C_1 - C_6 alkyl, cycloalkyl, aryl, C_1 - C_4 alkylaryl, heteroaryl, C_1 - C_4 alkylheteroaryl,

R23 independently of R21, has the same meanings as R21, or CH₂-pyridinium salts, CH₂-tri-C₁-C₆ alkylammonium salts,

R24 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, NHCOR21,

R24, R25 together mean C₄-C₈ cycloalkyl,

R3 means C_2 - C_{14} alkyl, C_2 - C_{14} alkenyl, C_2 - C_{14} alkinyl, aryl, C_1 - C_4 alkylaryl, heteroaryl, C_1 - C_4 alkylheteroaryl, wherein the aryls or heteroaryls may be substituted with another aryl, C_1 - C_4 alkylaryl, O-aryl, C_1 - C_4 alkyl-O-aryl, heteroaryl, C_1 - C_4 alkyl-O-heteroaryl, C_1 - C_4 alkyl-O-heteroaryl,

R5 means H, C₁-C₃ alkyl, cycloalkyl,

R4, R6, R7 independently from each other mean H, C₁-C₅ alkyl, CO-R41,

R41 independently of R21, has the same meanings as R21,

X means O, S, NH, N-R8,

Y means O, S, NH.

- 6. (Currently amended) The compounds according to one of the claims 1-to-5 claim 1 in the form of their inclusion compounds with cyclodextrin, particularly alpha cyclodextrin.
- 7. (Currently amended) Drugs containing compounds according to one of the claims 1 to 6 claim 1, as well as the usual carrier and adjuvants.
- 8. (Original) Drugs according to claim 7 in combination with further agents for tumor treatment.
- 9. (Currently amended) The use of compounds according to one of the claims 1 to 6 claim 1 for preparation of drugs for tumor treatment, particularly of those that can be treated by inhibition of the topoisomerases I and/or II.
- 10. (Currently amended) The use of compounds according to one of the claims 1 to 6 claim 1 for preparation of drugs for treatment of parasites.

11. (Currently amended) The use of compounds according to one of the claims 1 to 6 claim 1 for preparation of drugs for immunosuppression.

- 12. (Currently amended) The use of compounds according to one of the claims 1 to 6 claim 1 for preparation of drugs for treatment of neurodermitis.
- 13. (New) The compounds of the general Formula IIa or IIb according to claim 2, wherein the residues R, except R3, have the meanings indicated in the previous claims, and wherein R3 has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times higher, particularly preferred at least fifty times higher, particularly hundred times higher, or even five hundred times higher compared to R3 being H, with all other residues being maintained.
- 14. (New) The compounds of the general Formula IIa or IIb according to claim 2, wherein the residues R, except R2, have the meanings indicated in the previous claims, and wherein R2 has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times higher, particularly preferred at least fifty times higher, particularly hundred times higher, or even five hundred times higher compared to R2 being CH=CH-CH=CH-CH₃, with all other residues being maintained.